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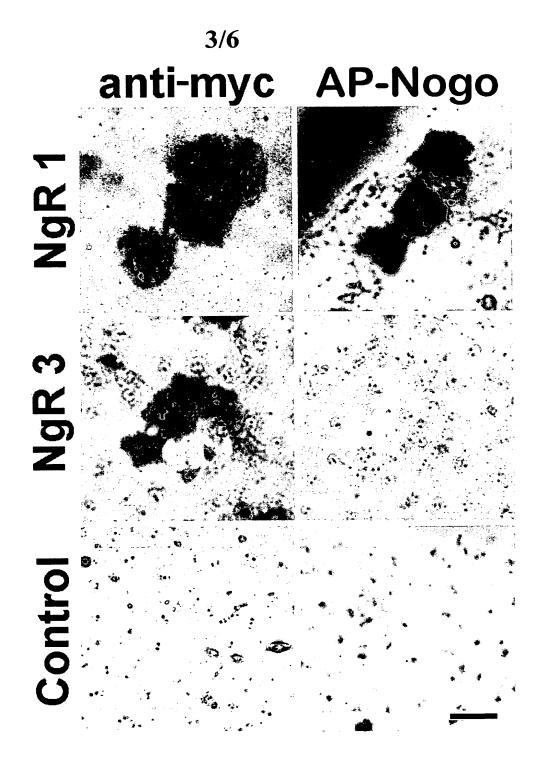
FIG. 1A

100 TFGSNLLT HFSPAMVT SFRACRNLTI	150 FQGLERLQSL FQGLVKLHAL FHGLGRLHTL F-GLLL	200 DLANLSHLFL DLVNLSHLFL DLGNLTHLFL DL-NL-HLFL	250 SRLTILYLFN HRLTTLFLFN GRLMTLYLFA -RLL-LF-
NNLIRTLRPG NNRITFLQQG GNRISHVPAA -N-I	RHLRSLEPDT RQLRTLAPET AQLRSVDPAT LRP-T	LLHLQDDLFA IEYLQDDIFV LQALPDDTFR L-DD-F-	GVHRAAFRGL WVHHKAFHDL HVHPHAFRDL -VHAFL
PPSTQRLFLQ PEDSERIFLQ PAASQRIFLH PR-FL-	ALEELDLGDN HLEELDLGDN LLEQLDLSDN -LE-LDL-DN	LQYLYLQENS LQYLYLQDNH LQYLYLQDNA LQYLYLQDNA	RLLLHGNRLQ RLLLHENQLQ RLLLHQNRVA RLLLH-N
NNFSSVPLSL HNFAAIPEGI QGLQAVPVGI	IYPGTFRHLQ IAPNTFEGFV IDAAAFTGLA IF	PGNI FRGLVS PAGI FGGLHS GPGLFRGLAA F-GL	HVFRGLGSLD GIFRGLVNLD RAFRGLHSLD FRGLLD
51 SP.PTVSCQA AP.MTVSCQA EPKVTTSCPQ	101 LWLFSNNLST LWIYSNNITF LWLHSNVLAR LWSN	151 HLYRCQLSSL YLYKCGLSAL HLDRCGLQEL	201 HGNRLRLLTE HGNKLWSLGQ HGNRISSVPE HGN
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus	NOGO-R2 NOGO-R3 NOGO-R1 Consensus
	51 SP.PTVSCQA NNFSSVPLSL PPSTQRLFLQ NNLIRTLRPG TFGSN AP.MTVSCQA HNFAAIPEGI PEDSERIFLQ NNRITFLQQG HFSPA EPKVTTSCPQ QGLQAVPVGI PAASQRIFLH GNRISHVPAA SFRACRN us	SP.PTVSCQA NNFSSVPLSL PPSTQRLFLQ NNLIRTLRPG TFGSN AP.MTVSCQA HNFAAIPEGI PEDSERIFLQ NNRITFLQQG HFSPA EPKVTTSCPQ QGLQAVPVGI PAASQRIFLH GNRISHVPAA SFRACRN -PT-SCP PR-FLN-IF 101 LWLFSNNLST IYPGTFRHLQ ALEELDLGDN RHLRSLEPDT FQGLVKI LWIYSNNITF IAPNTFEGFV HLEELDLGDN RQLRTLAPET FQGLVKI LWLHSNVLAR IDAAAFTGLA LLEQLDLSDN AQLRSVDPAT FHGLGRI LWSN IFLE-LDL-DNLRP-T F-GLI	SP. PTVSCQA NNFSSVPLSL PPSTQRLFLQ NNRITFLQGG HFSPA AP.MTVSCQA HNFAAIPEGI PEDSERIFLQ NNRITFLQQG HFSPA EPKVTTSCPQ QGLQAVPVGI PAASQRIFLH GNRISHVPAA SFRACRN -PT-SCP PR-FLN-IF 101 LWLFSNNLST IYPGTFRHLQ ALEELDLGDN RHLRSLEPDT FQGLERL LWLFSNNLTF IAPNTFEGFV HLEELDLGDN RQLRSVDPAT FHGLGRL LWLHSNVLAR IDAAAFTGLA LLEQLDLSDN AQLRSVDPAT FHGLGRL LWSN IFLE-LDL-DNLRP-T F-GLL 151 HLYRCQLSSL PGNIFRGLVS LQYLYLQENS LLHLQDDLFA DLANLSH YLYKCGLSAL PAGIFGGLHS LQYLYLQDNH IEYLQDDIFV DLVNLSH HLDRCGLQEL GPGLFRGLAA LQYLYLQDNA LQALPDDTFR DLGNLTH -LC-LLF-GL LQYLYLQONLDD-F- DL-NL-H

FIG. 1B

NOGO-R2 NOGO-R3 NOGO-R1 Consensus	300 NSLASLPGEA LADLPSLEFL RLNANPWACD CRARPLWAWF QRARVSSSDV NSLTELQGDC LAPLVALEFL RLNGNAWDCG CRARSLWEWL RRFRGSSSAV NNLSALPTEA LAPLRALQYL RLNDNPWVCD CRARPLWAWL QKFRGSSSEV N-LL LA-LL RLN-N-W-C- CRAR-LW-WR-SSS-V	300 SDV SAV SEV S-V
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	350 TCATPPERQG RDLRALREAD FQACP.P AAPTRPGSRA PCATPELRQG QDLKLLRVED FRNCTGP VSPHQIKSHT PCSLPQRLAG RDLKRLAAND LQGCAVATGP YHPIWTGRAT DEEPLGLPKC -CPG -DLLDCPP	350 PKC
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	400RGNSSSNH.LY G.VAE AGAPPADPSTLYRDLPALTTSDRAARKEHHPSH G.ASRDKGHP HGHPPGSRSG YKKAGKNCTS CQPDAADKAS VLEPGRPASA GNALKGRVPP GDSPPGNGSG PRHI.NDSPF	400 LPA CTS SPF
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	450 EDSRGR QGGDAPTE.D DYWGGYGGED QRGEQMCPGA HRNRNQISKV SSGKELTELQ DYAPDYQHKF SFDIMPTARP KRKGKCARRT GTLPGSAEPP LTAVRPEGSE PPGFPTSG PRRRPGCSRK NRTRSHCRLG	450 PGA RRT RLG
NOGO-R2 NOGO-R3 NOGO-R1 Consensus	451 ACQAPPDSRG PALSAGLPSP LLCLLLLVPH HL~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	





50 CPGACVCYNE CPGACVCYNE CPRDCVCYPA CCPRCTCYSS CPC-CY	100 FRACRNLTIL FQSCRNLTIL FSPAMVTL FSPAMVTL FGSNLLTL	150 HGLGRLHTLH HGLGHLHTLH QGLVKLHALY QGLVKLHALY QGLERLQSLH -GL-LL-	200 LGNLTHLFLH LGNLTHLFLH LVNLSHLFLH LVNLSHLFLH LANLSHLFLH LANLSHLFLH
WLQAWQVAAP WLQAWRVATP LAGELPLGGG ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	LRR 1 NRISHVPAAS NRISHVPAAS NRITFLQQGH NRIGLLQPGH NLIRTLRPGT	LRR 3 A QLRSVDPATF A QLHVVDPTTF R QLRTLAPETF R QLRTLAPETF R HLRSLEPDTFLP-TF	2ALPDDTFRD QALPDNTFRD EYLQDDIFVD EYLQDDIFVD LHLQDDLFAD L-DF-D
GGSRLLAWVL GGSRLLAWVL GCCVELLLLL ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	AASQRIFLHG ASSQRIFLHG EDSERIFLQN VDSERVFLQN PSTQRLFLQN	LEQLDLSDNA LEQLDLSDNA LEELDLGDNR LEELDLGDNR LEELDLGDNR LEELDLGDNR LEELDLGDNR	LRR QYLYLQDNAL QYLYLQDNNL QYLYLQDNHI QYLYLQDNHI QYLYLQENSL QYLYLQENSL
~~~~MKRASS QSPVQAAQVS ~~~~~~~ MLPGLRRILQ	NT GLQAVPVGIP GLQAVPTGIP NFAAIPEGIP ~~~~~EGIP NFSSVPLSLP	2 DAAAFTGLAL DAAAFTGLTL APNTFEGFVH HPSTFEGFVH YPGTFRHLQA	PGLFRGLAAL PGLFRGLAAL AGIFGGLHSL AGVFGGLHSL GNIFRGLVSL
1 ~~~~~~~~~~ MSWQSGTTVT ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	LRR PKVTTSCPQQ PKVTTSCPQQ P.MTVSCQAH ~~~~~~~~~~ P.PTVSCQAN P-T-SC	LRR WLHSNVLARI WLHSNALARI WIYSNNITFI WIYSNNITYI WLFSNNLSTI	LRR LDRCGLQELG LDRCGLRELG LYRCGLSALP LYRCGLSALP LYRCGLSALP LYRCGLSALP LYRCQLSSLP
Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R3	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R1 Murine NOGO-R3 Human NOGO-R2

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3

FIG.

		5/6 FIG. 3		
250	RLMTLYLFAN RLMTLYLFAN RLTTLFLFNN RLTTLFLFNN RLTILYLFNN RLTILYLFNN	CT 300  KFRGSSSEVP  KFRGSSSEVP  RFRGSSSAVP  RFRGSSSAVP  RFRGSSSAVP	350 EEPLGLPKCC EELLSLPKCC SDRAARKEHH TDRAARKEHH	400 RHINDSPEGT RHINDSPEGT RNRNQISKVS RNRNQISKAG
	VHPHAFRDLG VHPHAFRDLG VHHKAFHDLH VHHKAFHDLR VHRAAFRGLS	LRR RARPLWAWLQ RARPLWAWLQ RARSLWEWLR RARSLWEWLQ RARPLWAWFQ	HPIWTGRATD RPIQTSQLTD HQIKSHTLTT HQIKSHTLTT TRPGSRA	DSPPGNGSGP DTPPGNGSGP .KAGKNCTSH .KPGKNCTNP
LRR 7	LLLHQNRVAH LLLHQNHVAR LLLHENQLQW LLLHENQLQW LLLHGNRLQG	LNDNPWVCDC LNDNPWVCDC LNGNAWDCGC LNGNPWDCGC LNANPWACDC	QGCAVATGPY EGCAVASGPE RNCTGPVSP. RNCTGPASP.	NALKGRVPPG NALKGRVPPG SGYK PGHR
	AFRGLHSLDR AFRGLHSLDR IFRGLVNLDR TFRGLVNLDR VFRGLGSLDR	A Z A A A I	DLKRLAANDL DLKRLAASDL DLKLLRVEDF DLKLLRAEDF DLRALREADF	LEPGRPASAG LEPGRPASAG HPHGHPPGSR HPHGPR
LRR 6	GNRISSVPER GNRIPSVPEH GNKLWSLGQG GNKLWSLGPG		301 CSLPQRLAGR CNLPQRLADR CATPELRQGQ CVSPGLRHGQ CATPPERQGR	351 QPDAADKASV QPDAADKASV PSHGASRDKG SPHGPTRSKG
	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R3 Human NOGO-R3 Human NOGO-R2	Human NOGO-R1 Murine NOGO-R1 Murine NOGO-R3 Human NOGO-R2

6/6 FIG. 3, cont.

	401				450
Human NOGO-R1	LPGSAEPPLT	LPGSAEPPLT AVRPEGSEPP GFPTSGP RRRPGCSRKN RTRSHCRLGQ	GFPTSGP	RRRPGCSRKN	RTRSHCRLGQ
Murine NOGO-R1	LPSSAEPPLT	LPSSAEPPLT ALRPGGSEPP GLPTTGP RRRPGCSRKN RTRSHCRLGQ	GLPTTGP	RRRPGCSRKN	RTRSHCRLGQ
Murine NOGO-R3	. SGKELTELQ	SGKELTELQ DYAPDYQHKF SFDIMPTARP KRKGKCARRT	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ
Human NOGO-R3	. AGKQAPELP	.AGKQAPELP DYAPDYQHKF SFDIMPTARP KRKGKCARRT PIRAPSGVQQ	SFDIMPTARP	KRKGKCARRT	PIRAPSGVQQ
Human NOGO-R2	.QGGDAPTED	.QGGDAPTED DYWGGYGGED QRGEQMCPGA ACQAPPD	····GGED	QRGEQMCPGA	ACQAPPD
Consensus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-R	
					-
	451	Puta	Putative GPI Signals 490	gnals 490	
Human NOGO-R1	AGSGGGGTGD	AGSGGGGTGD SEGSGALPSL TCSLTPLGLA LVLWTVLGPC	TCSLTPLGLA	LVLWTVLGPC	
Murine NOGO-R1	AGSGASGTGD	AGSGASGTGD AEGSGALPAL ACSLAPLGLA LVLWTVLGPC	ACSLAPLGLA	LVLWTVLGPC	
Murine NOGO-R3	•	ASSGTALG APLLAWILGL AVTLR~~~~	APLLAWILGL	AVTLR~~~~	
Human NOGO-R3	•	ASSASSLG	ASSASSLG ASLLAWTLGL AVTLR~~~~	AVTLR~~~~~	
Human NOGO-R2		SRGPALSA	SRGPALSA GLPS PLLCL LLLVPHHL~~	LLLVPHHL~~	
Consensus		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			